

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	422	363/21.01	US-PGPUB; USPAT	AND	ON	2006/09/17 18:47
L2	10	L1 and (leading edge blanking)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:47
L3	422	363/21.01	US-PGPUB; USPAT	AND	ON	2006/09/17 18:48
L4	10	L3 and (leading edge blanking or LEB)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:48
L5	10	L4 and (reference and comparator or comparision)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:48
L6	1	leading edge blanking transformer oscillator (LEB adj2 timer) latch (tim\$3 adj capacitor) (sens\$4 adj resistor) current adj reference switching adj transistor ramp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:48
L7	1	leading edge blanking oscillator (LEB adj2 timer) latch (tim\$3 adj capacitor) (sens\$4 adj resistor) current adj reference switching adj transistor ramp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:49
L8	1	leading edge blanking switch\$3 reference adj2 source (comparator or amplifier or op\$1amp) ((charg\$3 adj2 circuit) or (current adj source))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/09/17 18:49
L9	10	L4 and (switch\$3)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:49
L10	10	L4 and (switch\$3)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:49
L11	10	L10 and (compar\$5)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:49
L12	10	L10 and (compar\$5)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:50
L13	1	L12 and (ramp\$3 adj3 voltage)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:50
L14	10	L12 and (ramp\$3 adj3 voltage or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/17 18:50

## EAST Search History

L15	25695	"363"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/17 18:50
L16	3	L15 and ((adjust\$3 or variable or varying or adapt\$4) (LEB or leading adj edge adj blanking))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/09/17 18:50
L17	9	((LEB adj2 timer) or ((leading adj edge adj blanking) same timer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:51
L18	422	363/21.01	US-PGPUB; USPAT	AND	ON	2006/09/17 18:51
L19	38	L18 and (adaptive or dynamic or adjustable) ((LEB adj2 timer or delay) or ((leading adj edge adj blanking) (timer or delay)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:55
L20	86	(leading with edge with adaptive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:55
L21	7	(leading with edge with blank\$3 with adaptive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:58
L22	1	(control\$4 leading edge blank\$3 circuit time fixed normal power operat\$3 range switch mode power supply constant reference voltage controlled switch maintain period constant low operating power range SMPS reference voltage adaptive\$3 reduce leading edge blanking period).clm.	US-PGPUB	AND	ON	2006/09/17 19:03
L23	1	(control\$4 lead\$3 edge blank\$3 time fixed normal power operat\$3 switch mode constant reference voltage controlled switch maintain period constant power range SMPS adaptive\$3 period).clm.	US-PGPUB	AND	ON	2006/09/17 19:07

## EAST Search History

L24	1	(SMPS power controller timer level signal leading edge blanking trip levels threshold constant voltage decrease below threshold level).clm.	US-PGPUB	AND	ON	2006/09/17 19:11
L27	1	(SMPS power control\$4 time\$3 level signal lead\$3 edge blank\$3 trip levels threshold constant voltage decrease).clm.	US-PGPUB	AND	ON	2006/09/17 19:12
S1	1	"6144245".pn.	US-PGPUB; USPAT	AND	ON	2006/03/29 10:51
S2	1	"6219262".pn.	US-PGPUB; USPAT	AND	ON	2006/04/03 10:31
S3	373	363/21.01	US-PGPUB; USPAT	AND	ON	2006/03/29 10:51
S5	1	S3 and (adaptive leading edge blanking)	US-PGPUB; USPAT	ADJ	ON	2006/03/29 10:52
S6	7	("5780986"   "5859757"   "6026355").PN. OR ("6219262").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/29 11:13
S8	2	Strijker.in. and leading edge	US-PGPUB; USPAT	ADJ	ON	2006/03/29 11:16
S9	373	363/21.01	US-PGPUB; USPAT	AND	ON	2006/03/29 16:23
S10	10	S9 and (leading edge blanking or LEB)	US-PGPUB; USPAT	ADJ	ON	2006/03/29 18:10
S11	10	S10 and (reference and comparator or comparision)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:48
S12	2	US "20050270807"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/29 17:16
S13	1	leading edge blanking transformer oscillator (LEB adj2 timer) latch (tim\$3 adj capacitor) (sens\$4 adj resistor) current adj reference switching adj transistor ramp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:48
S14	0	leading edge blanking transformer oscillator (LEB adj2 timer) latch (tim\$3 adj capacitor) (sens\$4 adj resistor) current adj reference switching adj transistor ramp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/29 18:02

## EAST Search History

S15	1	leading edge blanking oscillator (LEB adj2 timer) latch (tim\$3 adj capacitor) (sens\$4 adj resistor) current adj reference switching adj transistor ramp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:49
S16	1	leading edge blanking oscillator (LEB adj2 timer) latch (tim\$3 adj capacitor) current adj reference switching adj transistor ramp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/29 18:03
S17	0	leading edge blanking switch\$3 reference adj2 source (comparator or amplifier or op\$1amp) ((charg\$3 adj2 circuit) or (current adj source))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/29 18:07
S18	1	leading edge blanking switch\$3 reference adj2 source (comparator or amplifier or op\$1amp) ((charg\$3 adj2 circuit) or (current adj source))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/09/17 18:49
S19	2	leading edge blanking switch\$3 reference adj2 source (comparator or amplifier or op\$1amp) ((charg\$3 adj2 circuit) or (current adj source))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/03/29 18:49
S20	10	S10 and (switch\$3)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:49
S21	10	S20 and (compar\$5)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:49
S22	1	S21 and (ramp\$3 adj3 voltage)	US-PGPUB; USPAT	ADJ	ON	2006/09/17 18:50
S23	1	S21 and (ramp\$3 adj3 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/29 18:18
S24	10	S21 and (ramp\$3 adj3 voltage or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/17 18:50
S25	25164	"363"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/29 18:36

## EAST Search History

S27	3	S25 and ((adjust\$3 or variable or varying or adapt\$4) (LEB or leading adj edge adj blanking))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/09/17 18:50
S28	7	("5780986"   "5859757"   "6026355").PN. OR ("6219262").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/29 18:40
S29	1	S28 and (blanking)	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/29 18:40
S30	45	("4429694"   "4438766"   "4479174"   "4586118"   "4658819"   "4683529"   "4685040"   "4727874"   "4772995"   "4864479"   "4959764"   "4975823"   "5066900"   "5167660"   "5318563"   "5372596"   "5390101"   "5418410"   "5757635"   "5777503"   "5792138"   "5793191"   "5883793"   "5886881"   "5901054"   "5933333"   "5945820"   "6049471"   "6051961"   "6093186"   "6127816"   "6142992"   "6144245"   "6215288"   "6219262"   "6229289"   "6256214"   "6261285"   "6294904"   "6296636"   "6356463"   "6370051"   "6381150"   "6385059"   "6416509").PN. OR ("6939347").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/29 18:43
S31	1778	363/20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/03/29 18:44
S32	30	S31 and (blanking)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/03/29 18:45
S33	12	S31 and (leading edge blanking)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/29 18:46
S34	12	S33 and (compar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/29 18:47

## EAST Search History

S35	1	S34 and (ramp\$4 adj (voltage or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/29 18:49
S36	2169	363/16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/29 18:49
S37	14	S36 and (leading edge blanking)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/03/29 18:49
S38	2	S37 and (ramp\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/03/30 10:38
S39	2	US "20050270807"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/03/30 10:38
S41	0	((adaptive or adjustable or dynamic) ((leading adj edge adj blanking) or LEB) (timer or timing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/01 10:51
S42	1	((adaptive or adjustable or dynamic) ((leading adj edge adj blanking) or LEB) (timer or timing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/04/01 10:52
S43	6	((adaptive or adjustable or dynamic) ((leading adj edge adj blanking) or LEB) (timer or timing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/04/01 10:52
S44	5	(US-20050270807-\$).did. or (US-6665197-\$ or US-5818707-\$ or US-5901052-\$ or US-6833692-\$). did.	US-PGPUB; USPAT	AND	ON	2006/04/01 10:57
S45	1	S44 and ((LEB adj2 timer) or (leading edge blanking near timer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 10:58

## EAST Search History

S46	1	S44 and ((LEB adj2 timer) or (leading edge blanking with timer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 10:59
S47	373	363/21.01	US-PGPUB; USPAT	AND	ON	2006/04/01 10:59
S48	0	S47 and ((LEB adj2 timer) or (leading edge blanking with timer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 10:59
S49	25170	"363"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/01 10:59
S50	1	S49 and ((LEB adj2 timer) or (leading edge blanking with timer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 10:59
S51	5	((LEB adj2 timer) or ((leading adj edge adj blanking) with timer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 11:02
S52	9	((LEB adj2 timer) or ((leading adj edge adj blanking) same timer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:51
S53	2	"6462971".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 11:56
S54	753726	((LEB adj2 timer or delay) or ((leading adj edge adj blanking) same timer or delay))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 11:59
S55	753726	((LEB adj2 timer or delay) or ((leading adj edge adj blanking) same (timer or delay)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 12:00

## EAST Search History

S56	4033	S49 and ((LEB adj2 timer or delay) or ((leading adj edge adj blanking) same (timer or delay)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 12:00
S57	373	363/21.01	US-PGPUB; USPAT	AND	ON	2006/04/01 12:00
S58	117	S57 and ((LEB adj2 timer or delay) or ((leading adj edge adj blanking) same (timer or delay)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 12:02
S59	36	S58 and (adaptive or dynamic or adjustable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/01 12:01
S60	36	S57 and (adaptive or dynamic or adjustable) ((LEB adj2 timer or delay) or ((leading adj edge adj blanking) (timer or delay)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/17 18:51
S61	1	S57 and (adaptive or dynamic or adjustable) ((LEB adj2 timer or delay) or ((leading adj edge adj blanking) (timer or delay)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/01 12:02
S62	3	S57 and (adaptive or dynamic or adjustable) ((LEB adj2 timer or delay) or ((leading adj edge adj blanking) (timer or delay)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/04/01 12:03
S63	1	"5418410".pn.	US-PGPUB; USPAT	AND	ON	2006/04/03 10:31
S64	8	("4914324"   "5027017"   "5162680"   "5175451"   "5206553").PN. OR ("5418410").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/03 10:33